

## Klighten A310/3-3000K

# Klighten 30W Outdoor Wall Light with Motion Sensor and Adjustable Beam - Model A310/3-3000K User Manual

Model: A310/3-3000K

## INTRODUCTION

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This manual provides essential information for the safe and efficient use of your Klighten 30W Outdoor Wall Light. Please read these instructions carefully before installation and operation, and retain them for future reference.

## SAFETY INFORMATION

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- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician to prevent electric shock or damage.
- This product is rated IP65 waterproof, suitable for outdoor use. However, avoid submerging the unit in water.
- Do not attempt to modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep out of reach of children.

## PRODUCT OVERVIEW

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The Klighten 30W Outdoor Wall Light is a versatile lighting solution designed for both indoor and outdoor environments. It features a built-in motion sensor for automatic illumination and adjustable beam angles to customize lighting effects.

### Key Features:

- **Motion Sensor:** Integrated motion detector and infrared sensor automatically turn the light on when movement is detected within its range (approximately 3-5 meters). The light turns off after 20-40 seconds of no movement.
- **High Quality Construction:** Made from pure aluminum with a matte finish, ensuring durability and a

modern aesthetic. Equipped with a short-circuit proof LED driver.

- **Adjustable Beam Angle:** Customize the light distribution from 0° to 120° to create various lighting patterns.
- **IP65 Waterproof:** Designed for reliable performance in various weather conditions, suitable for terraces, balconies, gardens, and indoor spaces like kitchens or hallways.
- **Energy Efficient:** Features A++ energy efficiency, saving up to 80% energy.

#### What's in the Box:

- Klighten 30W Outdoor Wall Light (1 unit)
- Mounting hardware (screws, wall plugs)

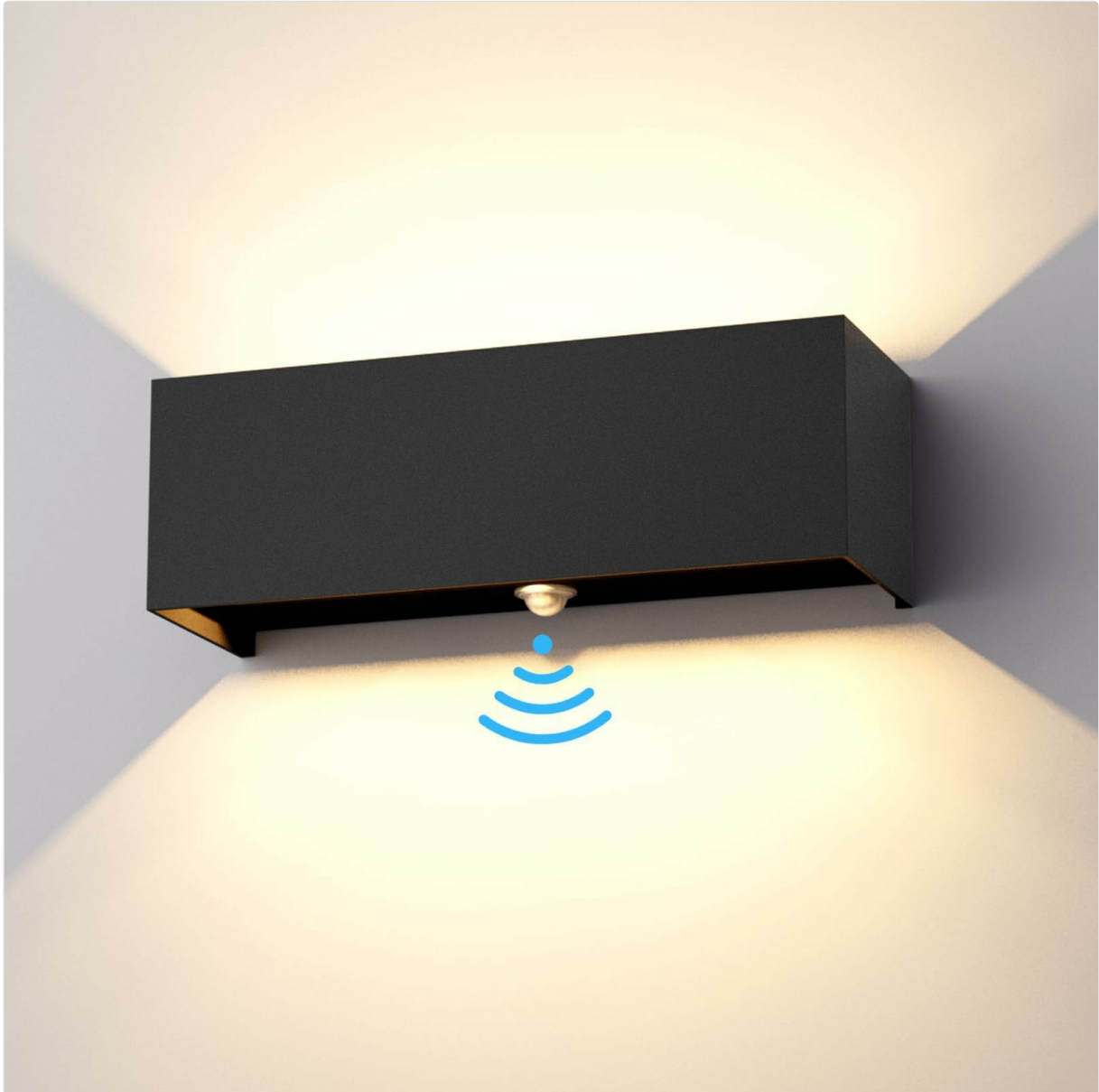


Image: Klighten 30W Outdoor Wall Light (Model A310/3-3000K)



## Product Description



Superior  
Aluminium Material



Excellent  
COB Lamp



Adjustable  
angle 0-120°

Image: Product components and features overview.

## SETUP AND INSTALLATION

Follow these steps for proper installation of your Klighten wall light. Ensure all safety precautions are observed.

1. **Prepare the Mounting Surface:** Choose a suitable wall location. Mark the drilling points using the mounting bracket as a template.
2. **Drill Holes:** Drill holes at the marked positions. Insert the provided wall plugs.
3. **Attach Mounting Bracket:** Secure the mounting bracket to the wall using the screws.
4. **Connect Wiring:** Connect the household electrical wires to the light fixture's terminals. Ensure correct polarity (Live, Neutral, Ground).
5. **Mount the Fixture:** Attach the light fixture to the mounting bracket. Secure it firmly.
6. **Test Operation:** Restore power and test the light's functionality, including the motion sensor.

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Video: An animated demonstration of the Klighten 30W Outdoor Wall Light, showing its assembly, motion sensor operation, adjustable light beam patterns, and IP65 waterproof features.

## OPERATING INSTRUCTIONS

### Motion Sensor Functionality:

- The integrated motion sensor activates the light when movement is detected within its range (approximately 3-5 meters).
- The light will automatically turn off 20-40 seconds after no further motion is detected.
- The sensor is light-sensitive; it will only activate the light in low-light conditions or at night. During strong daylight, the light will not turn on.

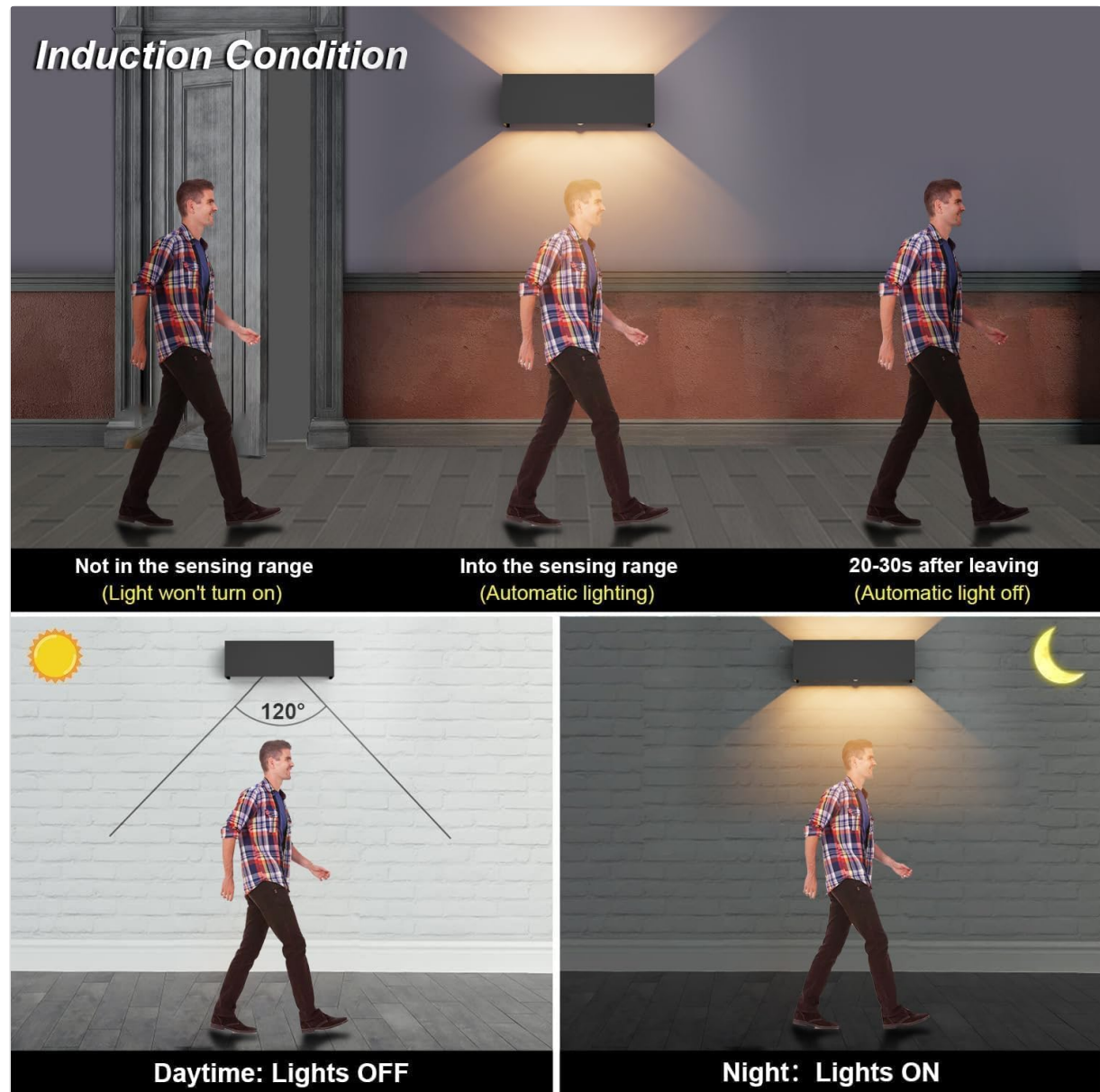
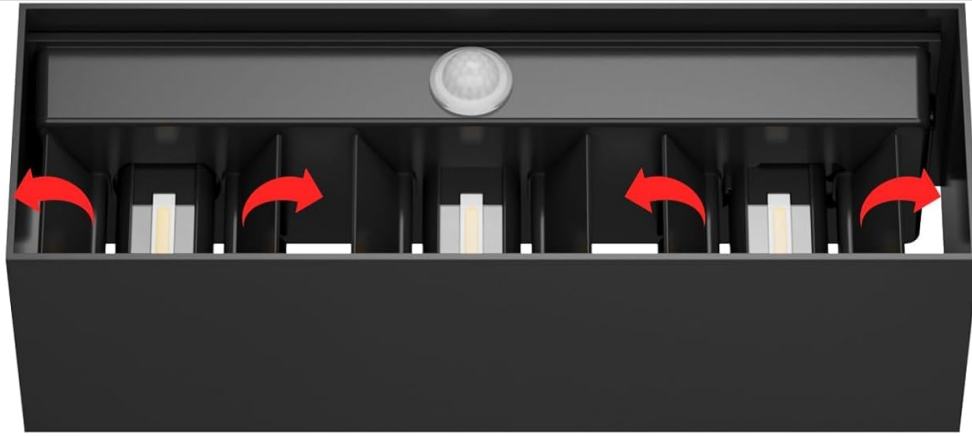


Image: Motion sensor induction conditions and behavior.

### Adjusting the Beam Angle:

The light features adjustable flaps inside the fixture, allowing you to customize the beam angle from 0° to 120°. This enables you to create various upward and downward lighting effects.

1. Carefully open the light fixture to access the internal light modules.
2. Adjust the small flaps located next to each LED module to direct the light beam as desired.
3. Close the fixture securely after adjustment.



## Movable beam angle

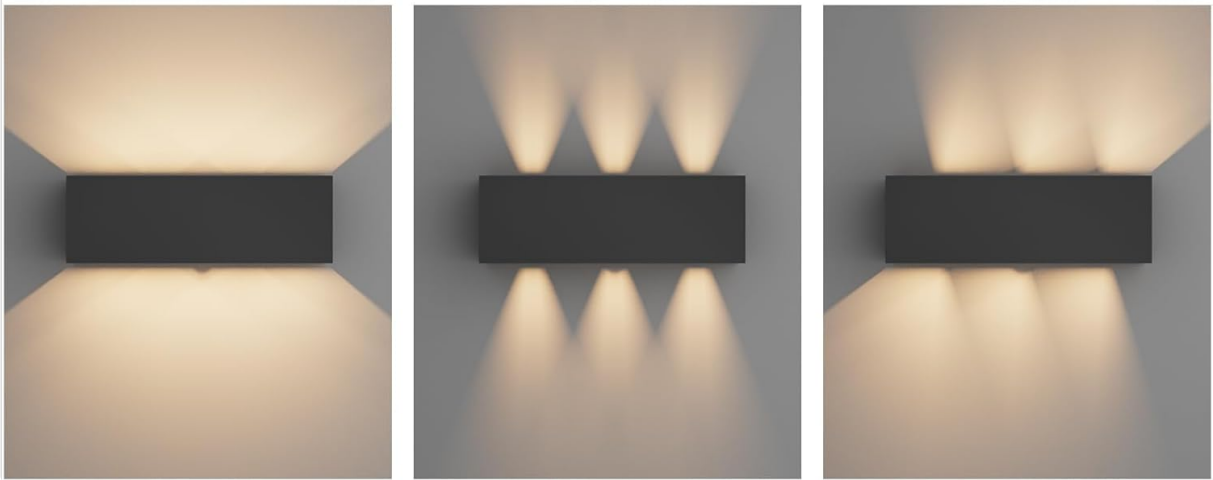


Image: Adjustable beam angle mechanism.

## MAINTENANCE

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- **Cleaning:** Clean the exterior of the light fixture with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear.
- **IP65 Rating:** While IP65 rated, ensure the seals remain intact to maintain water resistance. Do not spray high-pressure water directly onto the fixture.



Image: IP65 waterproof design in rain and snow.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Sensor not detecting motion. Ambient light too bright.	Check circuit breaker and wiring connections. Ensure motion is within sensor range. The sensor only activates in low light; test in darkness.
Light stays on continuously.	Constant motion in sensor range. Sensor malfunction.	Ensure no continuous movement is triggering the sensor. Contact customer support if the issue persists.
Light flickers.	Loose wiring connection. Power fluctuation.	Check and secure all wiring connections. Consult an electrician if power issues are suspected.

## SPECIFICATIONS

Feature	Detail
Brand	Klighten
Model Name	A310/3-3000K
Model Number	K-Sensor-30W-B-3000K-3T
Power	30W
Light Color	Warm White (3000K)
Luminous Flux	2500 lumens
Material	Aluminum
Color	Black
Dimensions (LxWxH)	30L x 10l x 10H cm
Weight	1.33 Kilograms
Voltage	230 Volt
Water Resistance	IP65 (Water Resistant)
Special Feature	Motion Sensor, Adjustable Beam Angle (0°-120°)
Energy Efficiency Class	F (EU Label)
Mounting Type	Wall Mount



Image: EU Energy Label for Klighten A310/3-3000K. For more details, visit [EPREL Database](#).

## WARRANTY AND SUPPORT

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This Klighten product comes with a limited warranty. For specific details regarding the warranty period and coverage, please refer to the documentation included with your purchase or contact Klighten customer support.

**Return Policy:** If you need to return the product, a refund/replacement policy is available for 14 days from the date of purchase. Please refer to the retailer's return policy for full details.

For technical assistance or further inquiries, please visit the [Klighten Store on Amazon](#).

## PRODUCT SHOWCASE

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Video: A short video showcasing the Klighten 30W Outdoor Wall Light in various colors and different application settings, highlighting its versatility and design.

